

ABHIPSHA DAS

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EDUCATION

Kalinga Institute of Industrial Technology

B.Tech in Computer Science & Engineering

2021 - 2025

CGPA: 8.68

Delhi Public School, Ranchi

Senior Secondary School (12th)

2020 - 2021

Percentage: 96.1%

PROJECTS

American Sign Language Detection System

[GitHub](#)

- Developed an American Sign Language (ASL) detection system using Python and a Random Forest Classifier, achieving accurate gesture recognition for ASL signs.
- Employed OpenCV for real-time image processing, MediaPipe for precise hand tracking, Pickle to serialize the trained model, enabling quick and efficient deployment for real-time gesture predictions.

Smart Door Lock - Face Recognition System

[GitHub](#)

- Developed a smart door lock system using facial recognition, utilizing Python, OpenCV for data processing, and trained the model with an LBPH classifier.
- Designed a Tinkercad simulation to demonstrate the real-world integration of the facial recognition system with Arduino.

SKILLS

Technical Skills: C, C++, Python, SQL, HTML, CSS, Canva.

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Computer Networks, Database Management Systems.

Soft Skills: Effective Communication, Problem-Solving, Teamwork, Time Management

WORK EXPERIENCE

Celebal Technologies (Certificate)

June 2024 – August 2024

Data Science Intern

Remote

- Gained hands-on experience with Python, and comprehensive data science techniques including data preprocessing, feature engineering, and model deployment.
- Completed a project on "house price prediction", along with weekly assignments, enhancing data analysis skills.

Steel Authority of India Limited - SAIL (Certificate)

May 2023 – June 2023

Summer Intern

Ranchi

- Acquired training and gained extensive knowledge in the C&IT department.
- Learned about "Asset Management System" using XAMPP, SQL, and HTML, optimizing asset tracking and management processes.

EXTRACURRICULAR ACTIVITIES

E-Mentoring Coordinator - Asia Programme - Education Cooperation Project

May 2022

Laurea University, Vantaa, Finland & Humak University, Kauniainen, Finland

- Led workshops and initiatives on the E-Mentoring for Youth and Social Inclusion.
- Volunteered at Nuori Espoo, Youth Centre and Youth Academy Finland.
- Participated in a workshop on HoloLense Mixed Reality based on 5G mmWave technology at Microsoft, Helsinki, to understand its practical applications.
- Coordinated digital youth outreach workshops with 'VEREKESO' and 'The Mannerheim League for Child Welfare (MLL)'. [\(Certification\)](#)

LEADERSHIP & SERVICE

Senior Executive, KIIT Entrepreneurship Cell

Sept 2022 - Present

Outreach Officer, KIIT Model United Nations

Jul 2022 - Sept 2022

Marketing Executive, GeeksforGeeks (GFG), KIIT Student Chapter

Jul 2022 - Mar 2024

Member, Korus-Dance Society, KIIT

Jan 2022 - Present